Local Government Type:  City Township Village	Other	Local Government Nam Retirement Systems of		roit	Count	•			
Audit Date	Opinion D	<u> </u>			Accountant Report Submitted To State:				
June 30, 2005	October 1		ecember 29, 200		•••				
We have audited the financial statements with the Statements of the Governmenta Counties and Local Units of Government We affirm that:	I Accountir	ng Standards Board (GA	SB) and the <i>Ui</i>	niform Reporting					
<ol> <li>We have complied with the Bulletin form.</li> <li>We are certified public accountants referred with the following.</li> </ol>	egistered to	o practice in Michigan.		•	onotes or in	tha ra	eport of comments		
and recommendations.	ponses na	ve been disclosed in the i	Handal Statem	ents, including th	e notes, or m	lile ie	port of comments		
yes no 2. There are accumuly yes no 3. There are instance order issued under issued unit hold [MCL 129.91] or Fig. 1. The local unit has (normal costs) in normal cost required yes no 9. The local unit use 1. The local unit use 1. The local unit has 1. The local unit has 1. The local unit use 1. The local unit has 1. The local	nt units/fun ulated defices of non-coviolated the er the Eme ds deposits P.A. 55 of a s been deling violated the the current frement, no es credit cal	elow: nds/agencies of the local objects in one or more of this upper compliance with the Uniform compliance with the Uniform conditions of either an object of the conditions of either and object of the conditions of either and object of the conditions of the conditions are due (pards and has not adopted a condition of the conditions are due (pards and has not adopted a conditions are due) and the conditions are due (pards and has not adopted a conditions are due) and the conditions are due (pards and has not adopted a conditions are due) and the conditions are due (pards and has not adopted a conditions are due) and the conditions are due (pards and has not adopted a conditions are due) and the conditions are due (pards and has not adopted a conditions are due) and the conditions are due (pards and has not adopted a conditions are due) and the conditions are due (pards and has not adopted a conditions are due) and the conditions are due (pards and has not adopted a conditions are due) and the conditions are due (pards and has not adopted a conditions are due) and the conditions are due (pards and has not adopted a conditions are due) and the conditions are due (pards and has not adopted a conditions are due) and the conditions are due (pards and has not adopted a conditions are due).	nit's unreserve arm Accounting rder issued und ct. st comply with s 38.1132]) revenues that vent (Article 9, S e than 100% for aid during the y an applicable p	ed fund balances/r p and Budgeting A der the Municipal I statutory requirem were collected for ection 24) to fund unded and the ov year). olicy as required	retained earn Act (P.A. 2 of Finance Act of P.A. 2 of ments. (P.A. 2 another taxicurrent year of erfunding crowd by P.A. 266 of MCL 129.95	ings (I 1968, r its re 0 of 1 ng uni earned edits a of 199	, as amended). equirements, or an 943, as amended it. d pension benefits are more than the		
We have enclosed the following:				Enclosed	To Be Forward		Not Required		
The letter of comments and recommenda	ations.			$\boxtimes$					
Reports on individual federal assistance	programs	(program audits).					$\boxtimes$		
Single Audit Reports (ASLGU).							$\boxtimes$		
Certified Public Accountant (Firm Name)	. PI	LANTE & MOF	PAN PIΙ	C					
Street Address			City		State	ZIF			
27400 Northwestern Highway			Southfield		MI		034		
Accountant Signature			Countriola		1	1.0			
Plante & Moran, A	°LLC								

Financial Report
with Supplemental Information
June 30, 2005

	Contents
Report Letter	1-2
Management's Discussion and Analysis	3-5
Basic Financial Statements	
Statement of Plan Net Assets	6
Statement of Changes in Plan Net Assets	7
Notes to Financial Statements	8-14
Required Supplemental Information	15
Schedule of Analysis of Funding Progress	16
Schedule of Employer Contributions	17
Other Supplemental Information	18
Description of Funds	19
Statement of Changes in Plan Net Assets	20-21





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#### Independent Auditor's Report

The Board of Trustees
Police and Fire Retirement
System for the City of Detroit

We have audited the accompanying statement of plan net assets of the Police and Fire Retirement System for the City of Detroit (the "System") as of June 30, 2005 and the related statement of changes in plan net assets for the year then ended. These financial statements are the responsibility of the System's management. Our responsibility is to express an opinion on these financial statements based on our audit. The prior year summarized comparative information has been derived from the System's 2004 financial statements and, in our report dated October 8, 2004, we expressed an unqualified opinion on those financial statements.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Police and Fire Retirement System for the City of Detroit as of June 30, 2005 and the results of its operations for the year then ended, in conformity with accounting principles generally accepted in the United States of America.

The management's discussion and analysis and required supplemental information (identified in the table of contents) are not a required part of the basic financial statements but are supplemental information required by the Governmental Accounting Standards Board. We have applied certain limited procedures, which consisted principally of inquiries of management, regarding the methods of measurement and presentation of the required supplemental information. However, we did not audit the information and express no opinion on it.



The Board of Trustees
Police and Fire Retirement
System for the City of Detroit

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Police and Fire Retirement System for the City of Detroit's basic financial statements. The accompanying other supplemental information as identified in the table of contents is presented for the purpose of additional analysis and is not a required part of the basic financial statements. The statement included in other supplemental information has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

Plante + Moran, PLLC

October 13, 2005

#### **Management's Discussion and Analysis**

#### **Using this Annual Report**

This annual report consists of three parts: (I) management's discussion and analysis (this section), (2) the basic financial statements, and (3) required supplemental information. The financial statements also include notes that explain some of the information in the financial statements and provide more detailed data. The statements are followed by a section of required additional information that further explains and supports the information in the financial statements.

#### **Condensed Financial Information**

The table below compares key financial information in a condensed format between the current year and the prior year:

	Fiscal Year Ended					
		June 30, 2005		June 30, 2004		
Total assets Total liabilities	\$	4,972,247,550 1,143,292,792	\$	3,818,936,551 696,416,534		
Assets held in trust for pension benefits	\$	3,828,954,758	\$	3,122,520,017		
Net investment income	\$	259,868,904	\$	415,701,183		
Contributions: Employee Employer Employer - Pension obligation certificate proceeds		10,430,854 51,602,596 630,829,189		10,318,299 69,475,202 -		
Total contributions		692,862,639		79,793,501		
Benefits paid to members and retirees: Retiree pension and annuity benefits Member annuity refunds and withdrawals		208,994,947 33,557,578		200,381,990 47,129,942		
Total benefits paid		242,552,525	_	247,511,932		
Benefits paid less than (in excess of) contributions Ratio of benefits paid to contributions		450,310,114 0.4		(167,718,431) 3.1		
Other expenses		3,744,277		3,727,680		
Net increase in net assets	\$	706,434,741	\$	244,255,072		

#### **Management's Discussion and Analysis (Continued)**

#### **Overall Fund Structure and Objectives**

The Police and Fire Retirement System (PFRS) exists to pay benefits to their members and retirees. Active members earn service credit that entitles them to receive benefits in the future. Benefits currently being paid are significantly greater than contributions currently being received. The excess of benefits over contributions must be funded through investment income. The public capital markets represent the primary source of investment income.

#### **Asset Allocation**

The PFRS has established asset allocation policies, which are expected to deliver more than enough investment income over a very long period of time to satisfy the obligations to pay the benefits promised to the members of the Retirement Systems of the City of Detroit (the "Systems"). The following is a summary of the asset allocation as of June 30, 2005:

Equities	56.0%
Fixed income	27.5%
Real estate	7.0%
Alternative investments	8.0%
Cash reserves	1.5%

#### **Investment Results**

Effective with the fiscal year ended June 30, 2004, PFRS acquired the capability to produce the investment results for the total fund composite on an AIMR compliant time-weighted basis. Investment results for prior periods reflect dollar-weighted returns consistent with the methods utilized by the system's actuaries.

This past year was another year in which PFRS outperformed its actuarially assumed rate of return. The PFRS total fund composite return was 8.2 percent versus its actuarially assumed rate of 7.8 percent. This was the second consecutive year of favorable investment experience following three consecutive years of unfavorable investment experience during which PFRS underperformed its actuarially assumed rate. For the three-year period ended June 30, 2005, the PFRS total fund composite investment return was 9.84 percent, outperforming its objective by 204 basis points.

The PFRS equity composite return was 8.93 percent versus the broad stock market, as measured by the S&P 500 index, which was up 6.32 percent for the year. This board's equity asset mix was underweighted to growth stocks, overweighted to value stocks, and overweighted to mid and small cap stocks. All of these contributed to the outperformance of the equity composite versus the S&P 500. The board's allocation to international stocks also contributed to the outperformance.

#### **Management's Discussion and Analysis (Continued)**

The PFRS fixed income composite return was 7.23 percent versus the broad fixed income market, as measured by the Lehman Aggregate index, which was up 6.32 percent. In 2001, the board recast its fixed income allocation by giving its fixed income managers the specific mandates of government bonds, corporate bonds, mortgages, convertible bonds, and high yield bonds. The board's fixed income asset mix was overweighted to investment grade corporate bonds and high yield, which added significantly to the outperformance of the fixed income composite versus the broad bond market.

The PFRS real estate composite return was 6.86 percent versus the broad domestic real estate market, as measured by the NCREIF Property Index, which was up 12.04 percent. The PFRS real estate allocation is overweighted to core income producing properties and underweighted to non-core and opportunistic real estate investments, which hurt returns relative to the index.

The PFRS alternative investment composite return was 11.81 percent versus its objective of the S&P 500 plus 5 percent per annum, which returned 11.32 percent. The PFRS alternative investment asset mix is biased in favor of distressed debt and private equity and underweighted to venture capital.

The PFRS cash composite return was 2.94 percent versus three-month U.S. Treasury bills, which returned 2.12 percent. PFRS runs its own money market fund to invest not only the cash needed to pay the benefits and expenses of the system but also to invest idle cash balances, which accumulate in the managed accounts. Relatively low returns from cash dragged down the overall PFRS composite return. Additionally, the City of Detroit elected to issue pension obligation certificates and contribute approximately \$631 million to the retirement system. This sizeable cash balance dragged down the overall investment performance of the system.

This year's total fund investment return is particularly encouraging, as is the outlook for future investment returns. Returns achieved in the public capital markets are highly dependent upon the health of the economy, both in the United States as well as in other countries. Management believes that the outlook for continued global economic growth is good in both the short and long run.

The primary determinant of total fund investment performance over long periods of time is asset allocation. The asset allocation of each fund is built upon the foundation that the obligations of the PFRS to pay the benefits promised to members and retirees are very long-term obligations. Accordingly, the board of trustees must make investment decisions that it believes will be the most beneficial to the retirement system over many years, not just one or two years. For the trailing 10- and 15-year periods, the PFRS has achieved a total portfolio return in excess of its actuarially assumed investment return.

#### Statement of Plan Net Assets June 30, 2005

(with comparative totals for June 30, 2004)

	2005	2004
Assets		
Cash (Note 3)	\$ 9,724,398	\$ 1,259,681
Investments - At fair value (Note 3)	3,754,283,430	3,055,424,485
Accrued investment income	18,066,358	17,039,456
Contributions receivable	61,391,371	69,475,202
Receivables from investment sales	24,587,150	23,507,318
Other accounts receivable	603,557	614,796
Capital assets (Note 1)	460,054	569,142
Cash and investments held as collateral for		
securities lending (Note 3)	1,103,131,232	651,046,471
Total assets	4,972,247,550	3,818,936,551
Liabilities		
Payables for investment purchases	27,903,499	33,788,157
Claims payable to retirees and beneficiaries	5,899,293	5,669,853
Due to City of Detroit	-	19,000
Other liabilities	6,358,768	5,893,053
Amounts due broker under securities lending		
agreement (Note 3)	1,103,131,232	651,046,471
Total liabilities	1,143,292,792	696,416,534
Net Assets Held in Trust for Pension Benefits (a schedule of analysis of funding progress is	¢ 2 020 05 <i>4</i> 750	¢ 2 122 520 617
presented in the required supplemental information)	\$ 3,828,954,758	\$ 3,122,520,017

#### Statement of Changes in Plan Net Assets Year Ended June 30, 2005

(with comparative totals for the year ended June 30, 2004)

	2005			2004
Additions				
Investment income:				
Interest and dividend income	\$	128,343,833	\$	108,037,206
Net appreciation in fair value		140,792,494		317,767,620
Investment expense		(12,581,933)		(12,379,319)
Other income		3,314,510		2,275,676
Net investment income		259,868,904		415,701,183
Contributions:				
Employee		10,430,854		10,318,299
Employer		51,602,596		69,475,202
Employer - Pension obligation certificate				
proceeds		630,829,189		-
Total additions		952,731,543		495,494,684
Deductions				
Retirees' pension and annuity benefits		208,994,947		200,381,990
Member refunds and withdrawals		33,557,578		47,129,942
General and administrative expenses		3,648,132		3,628,600
Depreciation expense		96,145		99,080
Total deductions		246,296,802		251,239,612
Net Increase in Net Assets Held in Trust for Pension Benefits		706,434,741		244,255,072
Net Assets Held in Trust for Pension Benefits - Beginning of year		3,122,520,017		2,878,264,945
Net Assets Held in Trust for Pension Benefits - End of year	<u>\$ 3</u>	3,828,954,758	<u>\$</u>	3,122,520,017

### Notes to Financial Statements June 30, 2005

#### **Note I - Summary of Significant Accounting Policies**

The City of Detroit (the "City") sponsors the contributory single employer retirement plan for the Police and Fire Retirement System for the City of Detroit (the "System"). The System, which is administered by the retirement system's board of trustees, is composed of a defined benefit plan and a defined contribution plan. The plans provide retirement, disability, and survivor benefits to plan members and beneficiaries.

The Police and Fire Retirement System is a separate and independent trust qualified under applicable provisions of the Internal Revenue Code, and is an independent entity (separate and distinct from the employer/plan sponsor) as required by (I) State law and (2) Internal Revenue Code provisions setting forth qualified plan status. The trustees of the plan have a fiduciary obligation and legal liability for any violations of fiduciary duties as independent trustees.

**Reporting Entity** - The financial statement of the System is also included in the combined financial statements of the City of Detroit as Pension Trust Funds. The assets of the Pension Trust Funds include no securities of or loans to the City or any other related party.

**Basis of Accounting** - The Police and Fire Retirement System for the City of Detroit's financial statements are prepared using the accrual basis of accounting. Plan member contributions are recognized in the period in which the contributions are due. Employer contributions are recognized when due and the employer has made a formal commitment to provide the contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan.

Methods Used to Value Investments - Investments are reported at fair value. Short-term investments are reported at cost, which approximates fair value. Securities traded on a national or international exchange are valued at the last reported sales price at current exchange rates. Mortgages are valued on the basis of future principal and interest payments. The fair value of real estate investments is based on independent appraisals. Investments that do not have an established market are reported at estimated fair value.

**Capital Assets** - Capital assets for the System represents office equipment and furniture. Depreciation expense is calculated by allocating the net cost of the assets over their estimated useful lives.

#### Notes to Financial Statements June 30, 2005

#### **Note 2 - Plan Description and Contribution Information**

At June 30, 2005, the membership of the defined benefit plans and the defined contribution plans consisted of the following:

		Defined
	Defined	Contribution
	Benefit Plan	Plan
Retirees and beneficiaries receiving pension benefits	8,465	1,335
Terminated plan members entitled to but not yet		
receiving benefits	25	46
Active plan members	4,652	4,195

**Plan Description** - The System provides retirement benefits, as well as survivor and disability benefits. Employees may receive cost of living adjustments as a percentage of their base amount, pursuant to the collective bargaining agreement in effect at their date of retirement. The obligation to contribute to and maintain the System was established by City Charter and negotiation with the employees' collective bargaining unit.

**Contributions** - The City's policy is to fund normal costs and amortization of prior service costs. The City is required to contribute at an actuarially determined rate. Administrative costs are financed through investment earnings. The contribution rate for 2004-2005 was 39.25 percent of active annual payroll. Contributions from the employer for the year ended June 30, 2005 totaled \$682,431,785, of which \$630,829,189 resulted from the deposit of proceeds from pension obligation certificates.

Employees are required to make contributions toward annuity savings in the amount of 5 percent of base compensation until eligibility for retirement is reached. Contributions from employees during the year ended June 30, 2005 totaled \$10,430,854.

The contribution requirements of plan members and the City of Detroit are established and may be amended by the boards of trustees in accordance with the City Charter, union contracts, and plan provisions.

#### Notes to Financial Statements June 30, 2005

#### **Note 3 - Deposits and Investments**

Michigan Compiled Laws Section 129.91 (Public Act 20 of 1943, as amended) authorizes local governmental units to make deposits and invest in the accounts of federally insured banks, credit unions, and savings and loan associations that have offices in Michigan. The local unit is allowed to invest in bonds, securities, and other direct obligations of the United States or any agency or instrumentality of the United States; repurchase agreements; bankers' acceptances of United States banks; commercial paper rated within the two highest classifications, which matures not more than 270 days after the date of purchase; obligations of the State of Michigan or its political subdivisions, which are rated as investment grade; and mutual funds composed of investment vehicles that are legal for direct investment by local units of government in Michigan.

The System is also authorized by Michigan Public Act 314 of 1965, as amended, to invest in certain reverse repurchase agreements, stocks, diversified investment companies, annuity investment contracts, real estate leased to public entities, mortgages, real estate, debt or equity of certain small businesses, certain state and local government obligations, and certain other specified investment vehicles. The investment policy adopted by the board is in accordance with Public Act 196 of 1997 and has authorized the investments according to Michigan Public Act 314. The System's deposits and investment policies are in accordance with statutory authority.

The System's cash and investments are subject to several types of risk, which are examined in more detail below:

#### **Custodial Credit Risk of Bank Deposits**

Custodial credit risk is the risk that in the event of a bank failure, the government's deposits may not be returned to it. The government does not have a deposit policy for custodial credit risk. At year end, the System had \$9,672,771 of bank deposits (certificates of deposit, checking, and savings accounts) that were uninsured and uncollateralized. The System believes that due to the dollar amounts of cash deposits and the limits of FDIC insurance, it is impractical to insure all deposits. As a result, the System evaluates each financial institution with which it deposits funds and assesses the level of risk of each institution; only those institutions with an acceptable estimated risk level are used as depositories.

### Notes to Financial Statements June 30, 2005

#### Note 3 - Deposits and Investments (Continued)

#### **Interest Rate Risk**

Interest rate risk is the risk that the value of investments will decrease as a result of a rise in interest rates. The System's investment policy does not restrict investment maturities. At year end, the average maturities of investments are as follows:

	Investment Maturities (in years)									
Investment Type		Fair Value	Less than I		1-5		6-10		1	More than 10
U.S. government	\$	129,475,028	\$	14,431,714	\$	75,458,000	\$	20,558,190	\$	19,027,124
Mortgage backed		54,371,713		-		270,134		2,174,714		51,926,865
Collateralized mortgage obligations		24,833,936		-		-		-		24,833,936
Corporate		439,208,985		23,656,048		187,021,254		143,788,865		84,742,818
Yankee bonds		12,463,030		-		1,231,416		315,066		10,916,548
Non-U.S. fixed income		31,155,584		3,979,259		15,788,814		8,525,486		2,862,025
Convertible bonds		8,204,662		149,044		1,020,885		-		7,034,733
Treasury bills		3,439,095		3,439,095		-		-		-
Mortgages		19,331,504		-		-		-		19,331,504
Construction loans		62,621,015	_	51,305,516		11,315,499		-	_	
Total	\$ 7	85,104,552	\$	96,960,676	\$	292,106,002	\$	175,362,321	\$	220,675,553

#### **Credit Risk**

State law limits investments in commercial paper to the top two ratings issued by nationally recognized statistical rating organizations. The System has no investment policy that would further limit its investment choices. As of year end, the credit quality ratings of debt securities (other than the U.S. government) as rated by S&P are as follows:

Investment Type and Fair Value (\$000)	TSY		AGY		AAA		 AA	A	
U.S. government	\$	82,480	\$	2,844	\$	43,195	\$ 956	\$	-
Mortgage backed		-		54,372		-	-		-
Collateralized mortgage obligations		-		15,679		9,155	-		-
Corporate		-		479		12,403	19,150		130,774
Yankee bonds		-		-		-	-		3,148
Non-U.S. fixed income		-		-		-	6,384		14,739
Convertible bonds		-		-		885	-		1,829
Treasury bills						3,439	 		
Total	\$	82,480	\$	73,374	\$	69,077	\$ 26,490	\$	150,490

#### Notes to Financial Statements June 30, 2005

Note 3 - Deposits and Investments (Continued)

Investment Type and Fair Value (\$000)	 BBB	 BB	 В	CCC	C & Below	 NR
Corporate	\$ 127,786	\$ 52,032	\$ 68,657	\$	18,424	\$ 9,504
Yankee bonds	6,618	1,757	940		-	-
Non-U.S. fixed income	2,934	3,037	4,061		-	-
Convertible bonds	2,635	753	1,950		-	153
Mortgages	-	_	-		-	19,332
Construction loans	 	 	 			 62,621
Total	\$ 139,973	\$ 57,579	\$ 75,608	\$	18,424	\$ 91,610

#### **Foreign Currency Risk**

Foreign currency risk is the risk that an investment denominated in the currency of a foreign country could reduce its U.S. dollar value as a result of changes in foreign currency exchange rates. The pension system does not restrict the amount of investments in foreign currency. The following securities are subject to foreign currency risk (in \$000):

		Fixed						
	Income		Equity		Derivatives		 Cash	
Australian Dollar	\$	-	\$	8,590	\$	-	\$ 642	
British Pound Sterling		-		54,535		(3,271)	2,368	
Canadian Dollar		-		7,406		9,486	(340)	
Danish Krone		-		2,925		-	6	
Euro Currency		-		127,323		(11,791)	3,300	
Hong Kong Dollar		-		8,304		(1,868)	82	
Japanese Yen		6,384		64,868		(11,491)	1,377	
Malaysian Ringgit		-		621		-	-	
Mexican Nuevo Peso		-		1,892		-	-	
New Zealand Dollar		-		3,030		-	1	
Norwegian Krone		-		3,248		-	28	
Singapore Dollar		-		2,353		(1,216)	268	
South Korean Won		-		2,873		-	-	
Swedish Krona		-		13,194		(1,385)	364	
Swiss Franc		-		25,717		-	679	
Thai Baht				433			 	
Total	\$	6,384	\$	327,312	\$	(21,536)	\$ 8,775	

### Notes to Financial Statements June 30, 2005

#### Note 3 - Deposits and Investments (Continued)

The following is a description of the investments by type:

Investment	Amount
Short-term investments	\$ 647,002,385
Stocks	1,814,475,861
Bonds	627,090,459
Mortgage-backed securities	69,754,698
Mortgage and construction loans	81,952,519
Equity interest in real estate	94,035,180
Real estate investment trusts held by custodian	35,450,553
Pooled investments	334,353,218
Private placements	50,168,557
Total	\$ 3,754,283,430

As permitted by State statutes and under the provisions of a securities lending authorization agreement, the System lends securities to broker-dealers and banks for collateral that will be returned for the same securities in the future. The System's custodial bank manages the securities lending program and receives cash, government securities, or irrevocable bank letters of credit as collateral. The custodial banks do not have the ability to pledge or sell collateral securities unless the borrower defaults. Borrowers are required to deliver collateral for each loan equal to not less than 100 percent of the market value of the loaned securities.

The System did not impose any restrictions during the fiscal year on the amount of loans made on its behalf by the custodial bank. There were no failures by any borrowers to return loaned securities or pay distributions thereon during the fiscal year. Moreover, there were no losses during the fiscal year resulting from a default of the borrowers or custodial bank.

The System and the borrower maintain the right to terminate all securities lending transactions on demand. The cash collateral received on each loan was invested together with the cash collateral of other lenders in an investment pool. The average duration of this investment pool as of June 30, 2005 and 2004 was 27 days. Because the loans are terminable on demand, their duration did not generally match the duration of the investments made with cash collateral. On June 30, 2005 and 2004, the System had no credit risk exposure to borrowers. The collateral held and the fair market value of underlying securities on loan for the System as of June 30, 2005 was \$1,103,131,232 and \$1,072,327,690, respectively.

### Notes to Financial Statements June 30, 2005

#### Note 4 - Reserves

State law requires employee contributions to be segregated. In addition, amounts must be set aside as determined by the actuary to fund benefits to retirees currently approved to receive benefits. As of June 30, 2005, the System's reserves have been fully funded as follows:

Reserved for employee contributions \$ 279,366,940 Reserved for retired employees 2,543,448,718

A statement of changes in plan net assets by reserve is included in the other supplemental information.

#### **Note 5 - Pension Obligation Certificates**

In June 2005, the City of Detroit issued \$1,440,000,000 of pension obligation certificates to provide funding for the unfunded actuarially accrued liability (UAAL), which existed at June 30, 2003. Any future UAAL that may arise will continue to be paid by the City, as well as the annual normal cost. The proceeds of the pension obligation certificates were deposited into the System and are accounted for in the Accrued Liability Fund (Pension Obligation Certificate) Reserve. Approximately \$740,000,000 was deposited into the General Employees' Retirement System and approximately \$630,000,000 was deposited into the Police and Fire Retirement System, net of issuance costs and premiums. On an annual basis, funds will be transferred from the accrued liability fund reserve to the pension accumulation reserve. The Accrued Liability Fund was credited with investment earnings commensurate with the overall earnings of the System.

### Required Supplemental Information Schedule of Analysis of Funding Progress

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) (b)	Unfunded AAL (UAAL) (b-a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b-a)/c)	
06/30/99	\$ 3.668.362.979	\$ 3,274,050,127	\$ (394,312,852)	112.0	\$ 216.049.687		
06/30/99	3.964.231.470	3,342,123,550	(622,107,920)	112.0	237.741.560	-	
06/30/01	3,900,020,703	3,463,248,393	(436,772,310)	112.6	253,297,027	_	
06/30/02	3,635,106,581	3,523,446,635	(111,659,946)	103.2	248,663,133	-	
06/30/03	3,205,516,657	3,721,593,210	516,076,553	86. I	248,681,461	207.5	
06/30/04	3,074,516,589	3,857,493,282	782,976,693	79.7	258,699,581	302.7	

### Required Supplemental Information Schedule of Employer Contributions

Year Ended	Anr	nual Required		Percentage			
June 30	C	ontribution		Contributed			
1999	\$	15,709,799		100			
2000		19,972,058		100			
2001		14,443,382		100			
2002		8,449,645		100			
2003		66,843,029		100			
2004		69,475,202	*	86			
2005		98,842,261	*	52			

The information presented above was determined as part of the actuarial valuations at the dates indicated. Additional information as of June 30, 2004, the latest actuarial valuation is as follows:

Valuation date	June 30, 2004
Actuarial cost method	Entry age
Amortization method	Level percent
Remaining amortization period **	13 years
Asset valuation method	3-year smoothed market
Actuarial assumptions:	
Investment rate of return	7.8%
Projected salary increases	5.8%-10.8%
Includes inflation at	4.8%
Cost of living adjustments	2.25%

<sup>\*</sup> At June 30, 2005, \$61,391,371 of the annual required contributions noted above was not received by the Police and Fire Retirement System. Of the total amount, \$9,788,775 and \$51,602,596 related to the years ended June 30, 2004 and 2005, respectively. Contributions receivable of the total amount has been recorded. In addition, of the total contribution, \$47,239,665 was funded by transfers from the Accrued Liability Fund Reserve.

<sup>\*\*</sup> During the year ended June 30, 2005, the amortization period was changed to 20 years.

### **Other Supplemental Information**

#### **Description of Funds**

**Annuity Savings Fund** - This fund represents cumulative required and voluntary contributions made by the active employees plus accumulated interest.

**Annuity Reserve Fund** - Transfers are made from the Annuity Savings Fund into the Annuity Reserve Fund when an employee retires, becomes disabled, or if a surviving spouse elects an annuity rather than a lump-sum payout of accumulated employee contributions.

Both annuity funds are referred to as defined contribution plans.

**Market Stabilization Fund** - This fund represents designations from the plans' investment income (loss) to be used to cushion the market value adjustments within the other funds. The boards of trustees authorized the creation of this fund, and the reserve amounts are calculated using a three-year average method.

**Accrued Liability Reserve Fund** - This fund originated during June 2005 when the City issued pension obligation certificates to fund the unfunded actuarial accrued liability that existed at June 30, 2003 (subject UAAL). On an annual basis, the actuary will inform the system of the amount to transfer from the Accrued Liability Reserve to the Pension Accumulation Fund in lieu of contributions from the City for the subject UAAL.

**Survivor Benefits Fund** - This fund is used to accumulate the PFRS employee and City contributions for certain survivor benefits from which the related benefits are paid.

**Pension Accumulation Fund** - This fund represents accumulated City contributions to the pension system for the payment of pensions and other benefits to future retirees. Additionally, pre-employment military service credit contributions are captured in this fund.

**Pension Reserve Fund** - This fund represents funded pension benefits available for retired members and is funded by actuarially determined transfers from the Pension Accumulation Fund.

	Annuity Reserves					
	Annuity Annuity		Market			
	Savings	Reserve	Stabilization			
	Fund	Fund	Fund			
Additions						
Net investment income (loss)	\$ -	\$ 1,112,452	\$ 23,073,308			
Contributions:						
Employee	10,488,239	-	-			
Employer						
Total additions - Net of investment						
loss	10,488,239	1,112,452	23,073,308			
Deductions						
Retirees' pension and annuity benefits	-	913,595	-			
General and administrative expenses	-	-	-			
Depreciation expense	-	-	-			
Member refunds and withdrawals	33,557,578					
Total deductions	33,557,578	913,595				
Net Additions (Deductions) - Before transfers	(23,069,339)	198,857	23,073,308			
Transfers - Net	(884,399)	(4,379,889)				
Net Increase (Decrease) in Net Assets Held in Trust for Pension Benefits	(23,953,738)	(4,181,032)	23,073,308			
Net Assets Held in Trust for Pension Benefits - Beginning of year	303,320,678	15,410,339	47,993,834			
Net Assets Held in Trust for Pension Benefits - End of year	\$279,366,940	\$11,229,307	\$ 71,067,142			

#### Other Supplemental Information Statement of Changes in Plan Net Assets Year Ended June 30, 2005

(with comparative totals for the year ended June 30, 2004)

		Pension Reserves									
Accrued Liability Reserve			Survivor Pension Benefits Accumulation			Pension Reserve	Tota		tal	:al	
		Fund			Fund	2005		2004			
					_	_	_				_
\$	3,946,861	\$	1,823,173	\$	56,682,259	\$	173,230,851	\$	259,868,904	\$	415,701,183
	-		-		(57,385)		-		10,430,854		10,318,299
6	30,829,189		-		51,602,596	_			682,431,785		69,475,202
6	34,776,050		1,823,173		108,227,470		173,230,851		952,731,543		495,494,684
	-		3,930,982		-		204,150,370		208,994,947		200,381,990
	-		-		3,648,132		-		3,648,132		3,628,600
	-		-		96,145		-		96,145		99,080
						_			33,557,578		47,129,942
			3,930,982		3,744,277	_	204,150,370		246,296,802		251,239,612
6	34,776,050		(2,107,809)		104,483,193		(30,919,519)		706,434,741		244,255,072
(	47,239,665)		_		(196,900,527)		249,404,480		_		_
	17,237,003)				(170,700,327)	_	217,101,100				
5	87,536,385		(2,107,809)		(92,417,334)		218,484,961		706,434,741		244,255,072
			25,266,194		416,794,522	_	2,313,734,450		3,122,520,017		2,878,264,945
<u>\$58</u>	7,536,385	<b>\$</b> 2	23,158,385	<b>\$</b> :	324,377,188	\$	52,532,219,411	<u>\$3</u>	,828,954,758	<b>\$</b> 3	3,122,520,017



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October 13, 2005

To the Board of Trustees
Police and Fire Retirement System of the City of Detroit
908 Coleman A. Young Municipal Center
Detroit, MI 48226

#### Dear Board Members:

We recently completed the audit of the basic financial statements of the Police and Fire Retirement System for the year ended June 30, 2005. As a result of our audit, we have the following comments and recommendations for your review and consideration.

#### TRAVEL REIMBURSEMENT

We commend the System for the segregation of duties among the staff as it relates to the review and approval of travel expenditures, whereby an individual reconciles the travel expenditure separately from the individual who reviews the expenditure. Incorporating these separate levels of review enhances the Systems internal controls as it relates to travel reimbursement.

#### INVESTMENT FILES AND VALUATION

As noted in the prior year, when reviewing investment activity, the following items came to our attention:

The System uses consultants on an ongoing basis for certain investments. Part of their duties include performing due diligence and managing the investments thereafter. However, for pooled and private placement investments, the System does not utilize consultants on a regular basis. Therefore, these investments due diligence procedures are either performed by the Trustees or an outside firm is hired specifically to perform due diligence. We have noted that there appear to be no formal policies or procedures that identify the due diligence procedures that were undertaken by consultants, Trustees or outside firms.

Additionally, we noted that it appears additional due diligence is lacking related to large additions to current investments or for those investments whereby the General Retirement System may currently hold an interest and the Police and Fire Retirement System has decided to invest at a later date. We encourage the System to develop formal due diligence policies and procedures that would encompass treatment for new investments, additions related to existing investments and credit worthiness measures. Additionally, a checklist should be used by the Trustees when they perform due diligence. This process should thoroughly document the reasons the System has decided to make a particular investment.



#### **INVESTMENT FILES AND VALUATION (CONTINUED)**

• The System should also strive to receive financial statements in a timely manner to monitor investments. During the audit, we noted that for some investments financial statements were not on file. They then had to be requested from individual entities as copies had not been received as a regular course of business. We suggest that the System request annual financial statements on a regular basis and review them in order to monitor what is recorded and ensure any differences or discrepancies are investigated.

#### FIXED ASSETS

During our testing of fixed assets, we noted the following items:

- As mentioned in the previous year's audit, the System currently maintains all fixed assets in a
  Microsoft Access database. The database is not capable of computing depreciation or
  accumulated depreciation. As a result this calculation needs to be performed independent of the
  fixed asset system. Additionally, the System does not appear to have a minimum capitalization
  threshold, allowing for several small dollar items to be included in the fixed asset listing. We
  recommend establishing a capitalization threshold and obtaining a more sophisticated fixed asset
  system.
- Upon our review of fixed asset additions, it appears there is no purchase policy in place documenting when formal bidding procedures are required. Although the expenditures do go to the Board for approval, we recommend implementing a policy establishing a threshold when bidding procedures should be implemented.

We would like to thank the Police and Fire Retirement System's personnel for their assistance during the audit. We appreciate the opportunity to serve as your auditors. If there are any questions about your financial report or the above comments and recommendations, we would be happy to discuss them at your convenience.

Very truly yours,

PLANTE & MORAN, PLLC

Beth Bialy

Beth A. Bialy

Wendy Trumbull

Wendy N. Trumbull

